

Substitute for form 1449A/PTO		Compleat if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/625,338
		Filing Date	7/23/03
		First Named Inventor	John V. McClusky
		Art Unit	3712
		Examiner Name	Kurt E. Fenton
Sheet 1 of 3	Attorney Docket Number	P-8058	

U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Document Number ¹	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
16		US- 3,080,662	03-12-1963	G.C. Brumlik	
		US- 3,510,962	03-12-1970	Kazuhisa Sato	
		US- 3,939,581	02-24-1976	Clarke, Jr.	
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		US- 4,325,698	04-20-1982	Darling, et al	
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		US- 4,398,888	08-16-1983	Darling, et al	
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		US- 4,812,128	03-14-1989	Mikelsaar	
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		US- 5,921,781	07-13-1999	Shaw	
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY ³	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ⁴	Number ⁴ - Kind Code ⁵ (if known)			

Examiner Signature	<i>hst</i>	Date Considered	5/2/04
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² Applicant's unique citation designation number (optional). ³ See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	
		Filing Date	
		First Named Inventor	John V. McClusky
		Group Art Unit	
		Examiner Name	
Sheet 1 of 3	Attorney Docket Number	P-8058	

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
106		A.M. INGHAM; R.C. HENSON; Interpreting Infrared and Nuclear Magnetic Resonance Spectra of Simple Organic Compounds for the Beginner; J.Chem. Educ 1984, 61, 704	
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		YOICHI HABATA; SADATOSHI AKABORI; Teaching 1H NMR Spectrometry Using Computer Modeling; January 2001, Vol. 78 No. 1, p. 121	
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		PETER LUNDBERG; Educational NMR Software; J. Chem. Educ. 1997, 74, 1489	
		DIANNE A. THOBEN; THOMAS H. LOWRY; An Analogy to Assist Understanding of Splitting Patterns in NMR Spectra; January 1997, Vol. 74 No. 1, p. 68	
		BRIAN E. MANN; The Analysis of First-Order Coupling Patterns in NMR Spectra; J. Chem. Educ. 1995, 72, 614	
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		ERIN L. ANDERSON; DU LI; NOEL L. OWEN; Solving Molecular Structures Using NMR and Molecular Mechanics; J.Chem.Educ. 1992, 69, 846	
	T. VISWANATHAN; F. WATSON; D.T.C. YANG; Undergraduate Organic and Polymer Lab Experiments that Exemplify Structure Determination by NMR; J.Chem.Educ. 1991, 68,685		

Examiner Signature	<i>[Signature]</i>	Date Considered	5/24/04
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Sheet

3

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First Named Inventor

John V. McClusky

Group Art Unit

Examiner Name

Attorney Docket Number

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTSExaminer
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Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

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JOHN P. CHESICK; Fourier Analysis and Structure Determination. Part II. Pulse NMR and NMR Imaging; J. Chem. Educ. 1989, 66-283

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Considered

5/12/04

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